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1/1 KPL - (C) Thomson Derwent
AN - 1975-82410W [50]
TI - 1,1-Difluoroethane prepn. - from 1,1-dichloroethane treated with
hydrogen fluoride using antimony pentachloride catalyst
E16
DC -
PA - (CENG) CENTRAL GLASS CO LTD
NP - 2
NC -
PN - JP50106905 A 19750822 DM1975-50 *
- JP77021482 B 19770610 DM1977-27
PR - 1974JP-0014074 19740205
IC - B01J-027/12 C07C-017/20 C07C-019/08
AB - JP50106905 A

MeCHF₂ (I) was prepd. by liq. phase reaction of MeCHCl₂ (II) with HF
at ordinary pressure and -10 degrees to 15 degrees in the presence of
SbF₅ (catalyst). In an example, 45g./hr. (II) and 1 mole/hr. anhyd. HF
were mixed with 130 mL. anhyd. HF and 15.1g. SbF₅ 2 hr. at -5 degrees
and the mixt. left to react for 30 min. to give a prod. contg. (II)
3.2, MeCHClF₄.1, and (I) 85.1%.
MC - CPT: E10-H02B
UP - 1975-50